

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. - 26. (canceled)

27. (currently amended) ~~The optical media of claim 26,~~ An optical media,
comprising: a data encoded component, wherein at least a fraction of said data encoded
component transforms from a substantially optically reflective state to a substantially
optically non-reflective state as at-least-in-part a function of time from an initializing
event, wherein

said data encoded component includes a first metal film that includes at least one
metal selected form the group consisting of Al, Mg and Ag and

further comprising a layer of lacquer coupled to said data encoded component and an
exterior metal coating with ionic conductivity coupled to said layer of lacquer, said
exterior metal coating including at least one element selected from the group consisting
of silver, copper and thallium wherein

said layer of lacquer includes at least one copolymer selected from the group
consisting of poly(acrylonitrile), poly(4-vinylpyridine) and poly(1-vinylimidazole).

28. (currently amended) ~~The optical media of claim 26,~~ An optical media,
comprising: a data encoded component, wherein at least a fraction of said data encoded
component transforms from a substantially optically reflective state to a substantially
optically non-reflective state as at-least-in-part a function of time from an initializing
event, wherein

said data encoded component includes a first metal film that includes at least one
metal selected form the group consisting of Al, Mg and Ag and

further comprising a layer of lacquer coupled to said data encoded component and an
exterior metal coating with ionic conductivity coupled to said layer of lacquer, said

exterior metal coating including at least one element selected from the group consisting of silver, copper and thallium wherein

said layer of lacuer includes hydrolyzed polyacrylate lacquer.

29. (currently amended) ~~The optical media of claim 26,~~ An optical media,
comprising: a data encoded component, wherein at least a fraction of said data encoded
component transforms from a substantially optically reflective state to a substantially
optically non-reflective state as at-least-in-part a function of time from an initializing
event, wherein

said data encoded component includes a first metal film that includes at least one
metal selected form the group consisting of Al, Mg and Ag and

further comprising a layer of lacquer coupled to said data encoded component and an
exterior metal coating with ionic conductivity coupled to said layer of lacquer, said
exterior metal coating including at least one element selected from the group consisting
of silver, copper and thallium wherein

said layer of lacquer includes 2-hydroxytheylacrylate copolymer.

30. - 48. (canceled)

49. (original) A method of making an opotical media, comprising:

providing a substrate;

coating a reflective layer on said substrate;

exposing said substrate to a reversing environment to increase optical
transmissivity of said substrate; and then

exposing said substrate to a preserving environment to maintain optical
transmissivity of said substrate.

50. (original) The method of claim 49, wherein said substrate includes polycarbonate
and salts mixed with said polycarbonate.

51. (original) The method of claim 50, wherein the salts interact with at least one atmospheric component selected from the group consisting of O₂, CO₂ and H₂O to form opaque compounds.

52. (original) The method of claim 51, wherein said reversing environment includes hydrogen and said opaque compounds are disassociated by said reversing environment.

53. (original) An optical media made by the method of claim 49.

54. - 59. (canceled)